

Substitute for form 1449A/PTO		Complete If Known			
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)		Application Number	10/780,864		
		Filing Date	February 19, 2004		
		First Named Inventor	Klaus Kadel		
		ART UNIT	3743		
		Examiner Name	To Be Assigned		
Sheet	1	of	5	Attorney Docket Number	1461.0060001/TUM/MJM

Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
up ↓ ✓	AA1	US-3,347,473	10-17-1967	Steck	
	AB1	US-3,397,278	08-13-1968	Pomerantz	
	AC1	US-3,615,054	10-26-1971	La Botz	
	AD1	US-3,771,724	11-13-1973	Rose <i>et al.</i>	
	AE1	US-3,921,916	11-25-1975	Bassous	
	AF1	US-3,948,777	04-06-1976	Murata <i>et al.</i>	
	AG1	US-3,965,012	06-22-1976	Eguchi <i>et al.</i>	
	AH1	US-4,151,955	05-01-1979	Stouffer	
	AI1	US-4,334,992	06-15-1982	Von Bonin <i>et al.</i>	
	AJ1	US-4,601,921	07-22-1986	Lee	
	AK1	US-4,681,258	07-21-1987	Jenkins <i>et al.</i>	
	AL1	US-4,688,056	08-18-1987	Noguchi <i>et al.</i>	
	AM1	US-4,828,184	05-09-1989	Gardner <i>et al.</i>	
	AN1	US-4,829,324	05-09-1989	Drake <i>et al.</i>	
	AO1	US-4,875,968	10-24-1989	O'Neill <i>et al.</i>	
	AP1	US-4,899,937	02-13-1990	Haruch	
	AQ1	US-4,915,718	04-10-1990	Desai	
	AR1	US-4,936,954	06-26-1990	Sander	

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ³
		Country Code ⁴ Kind Code ⁵ (if known)				
up ↓ ✓	BA1	DE 916 879	08-19-1954	Gustav Schlick		
	BB1	EP 0 041 729	12-16-1981	Pagendarm Erich		
	BC1	EP 0 231 432 A2 & A3	08-12-1987	Kernforschungszent Karlsruhe		
	BD1	EP 0 255 208 B1	02-03-1988	Corsette		
	BE1	EP 0 397 441	11-14-1990	Xaar Ltd.		
	BF1	GB 1515892	06-28-1978	Bowles Fluidics Corp.		

Examiner Signature		Date Considered	11/14/04
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹Applicant's unique citation designation number (optional). ²See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶Applicant is to place a check mark here if English language Translation is attached.


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MP	AA2	US-5,084,178	01-28-1992	Miller <i>et al.</i>	
	AB2	US-5,160,403	11-03-1992	Fisher <i>et al.</i>	
	AC2	US-5,320,096	06-14-1994	Hans	
	AD2	US-5,332,466	07-26-1994	Nozawa	
	AE2	US-5,334,247	08-02-1994	Columbus <i>et al.</i>	
	AF2	US-5,401,403	03-28-1995	Hagqvist	
	AG2	US-5,460,720	10-24-1995	Schneider	
	AH2	US-5,472,143	12-05-1995	Bartels <i>et al.</i>	
	AI2	US-5,487,378	01-30-1996	Robertson <i>et al.</i>	
	AJ2	US-5,587,128	12-24-1996	Wilding <i>et al.</i>	
	AK2	US-5,762,789	06-09-1998	De los Reyes <i>et al.</i>	
	AL2	US-5,770,076	06-23-1998	Chu <i>et al.</i>	
	AM2	US-5,782,791	07-21-1998	Peterson <i>et al.</i>	
	AN2	US-5,814,219	09-29-1998	Friedmann <i>et al.</i>	
	AO2	US-5,820,767	10-13-1998	Kane <i>et al.</i>	
	AP2	US-5,855,801	01-05-1999	Lin <i>et al.</i>	
	AQ2	US-5,871,645	02-16-1999	Reed <i>et al.</i>	
✓	AR2	US-5,902,365	05-11-1999	Haggard	

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		Country Code ⁴ Kind Code ⁵ (if known)				
MP	BA2	GB 2065505	07-01-1981	Bauer		
	BB2	JP 50-29165	09-20-1975	Mitsubishi Heavy Industries Ltd.		
	BC2	JP 50-29166	03-25-1975	Mitsubishi Heavy Industries Ltd.		
	BD2	JP 53-7819	01-24-1978	Hitachi Ltd.		
	BE2	JP 56-113367	09-07-1981	Hitachi Ltd.		
✓	BF2	JP 57-182452	11-10-1982	Shinshu Seiko Co., Ltd.		


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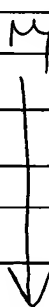
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	AA3	US-5,904,846	05-18-1999	Clements <i>et al.</i>	
	AB3	US-5,980,759	11-09-1999	Proulx <i>et al.</i>	
	AC3	US-5,985,142	11-16-1999	Belden	
	AD3	US-5,988,400	11-23-1999	Karachevtcev <i>et al.</i>	
	AE3	US-6,000,558	12-14-1999	Proulx <i>et al.</i>	
	AF3	US-6,010,458	01-04-2000	Roberts	
	AG3	US-6,103,119	08-15-2000	Clements <i>et al.</i>	
	AH3	US-6,110,368	08-29-2000	Hopkins <i>et al.</i>	
	AI3	US-6,113,784	09-05-2000	Stoyell <i>et al.</i>	

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		Country Code* Kind Code* (in known)				
	BA3	JP 2-229050	09-11-1990	Xerox Corporation		
	BB3	JP 3-267173	11-28-1991	Mitsubishi Motor Corporation		
	BC3	WO 79/00236	05-03-1979	Bowles Fluidics Corporation		
	BD3	WO 91/14468	10-03-1991	Miller Weston Ltd.		
	BE3	WO 92/10301	06-25-1992	DMW (Technology) Ltd.		
	BF3	WO 92/10306	06-25-1992	DMW (Technology) Ltd.		

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NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date page(s), volume-issue number(s), publisher, city and/or country where published	T ²
mf	CA1	ANGELL, James B., TERRY, Stephen C. and BARTH, Phillip W., <u>Silicon Micromechanical Devices</u> , <i>Sci. Am.</i> 248:(4)36-47 April 1983.	
mf	CB1	PETERSON, Kurt, <u>Silicon as a Mechanical Material</u> , <i>Proceedings of the IEEE</i> 70(5):420-456 May 1982.	

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